

Julien Di Giovanni

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EDUCATION

PhD Washington University in St. Louis - Biological Anthropology 2023 - Present

MSc University of Exeter - Evolutionary and Behavioral Ecology 2020 - 2021

Distinctions

Research Project - *Urban gulls show physiological and behavioural responses to human vocalisations* - Supervised by Dr. N. Boogert. First-Class Honours

Collected behavioral and physiological data of wild herring gulls (*Larus argentatus*). Gained experience with camera trapping, infrared thermography and playback experiments. Developed in-depth knowledge of experimental design, statistical analyses and writing of scientific paper. Managed 6 research assistants.

Literature Review - *Non-invasive methods to assess stress in wild birds* - First-Class Honours
Critically assessed current scientific literature and methodologies.

Peer-reviewed publication:

Di Giovanni, J., Fawcett, T.W., Templeton, C.N., Raghav, S. & Boogert, N.J. 2022. Urban gulls show similar thermographic and behavioral responses to human shouting and conspecific alarm calls. *Front. Ecol. Evol.* 10:891985. doi: 10.3389/fevo.2022.891985

BSc Bucknell University (Exchange Year) 2019 - 2020

Fall and Spring Dean's List

Capstone Project - *Investigating the convergent evolution of prestin gene for echolocation in bats and dolphins* - Supervised by Dr. S. Lower. First-Class Honours

Conducted computational analyses of sequencing databases. Written research analyses and literature review.

Literature Review - *Chemical communication in ants by use of pheromones* - Supervised by Prof. E. Capaldi - First-Class Honours

BSc University of Tours - Life Sciences 2017 - 2020

First-Class Honours

Dissertation - *The Ecology of Marsupials* - Supervised by Prof. S. Boyer. First-Class Honours

SCHOLARSHIPS & AWARDS

Scholarships

Funding for Future Career Development (£ 1,000) - University of Exeter 2021

Full-tuition scholarship for two semesters (66,094 \$) - Bucknell University 2019

Awards

Dean's Commendation for Exceptional Performance - University of Exeter 2021

Dean's List (Fall and Spring) - Bucknell University 2019 - 2020

FIELD & LAB EXPERIENCE

Moyen-Bafing Chimpanzee Project (Guinea), supervised by Dr. C. Hobaiter (University of St Andrews), Dr. L. Samuni, and Dr. E. Wessling (Harvard University) May 2022 - Jan. 2023

Field research assistant: Habituation of wild chimpanzees (*Pan troglodytes verus*), collection of data on chimpanzee behavior and ecology, camera trapping, monitoring of the park ecosystem, botanical ID, recce

Kalahari Meerkat Project (South Africa), University of Cambridge & University of Zurich Dec. 2021 - Apr. 2022

Field research assistant: Collection of behavioral data (*ad libitum*, scan and focal sampling) of wild meerkats (*Suricata suricatta*), fecal sampling, habituation, sound recording and logging, radio-tracking, handling and weighing, game surveying

University of Oxford & University of Exeter June 2021 - Nov. 2021

Research assistant for material culture in wild chimpanzees (*Pan troglodytes verus*).
Supervised by Dr. K. Hockings and Dr. J. Bessa

FriendOrigins Project, CRAB, University of Exeter Sept. 2021 - Nov. 2021

Lab volunteer working on social interaction in long-tailed macaques (*Macaca fascicularis*).
Supervised by Prof. L. Brent and Dr. De Moor

University of Exeter, Cornwall, UK May 2021 - July 2021

Summer field courses: small mammal trapping, camera trapping, bird call ID, insect trapping and ID, bat surveying and acoustic ID

University of Orléans, Laboratoire de Biologie des Ligneux et des Grandes Cultures May 2013

Intern learning laboratory skills / Supervised by Dr. V. Altemayer

SKILLS

Research

Use of scientific method, experimental design and writing of scientific research paper
Application of statistical inferential methods to test hypotheses (LM, GLM, LMM, GLMM, BMM)
Knowledge of programming languages (R, Bash, Minitab) to analyze large datasets
Knowledge of complex and basic software (QGIS, ArcGIS, MapSource, SQL, Geneious, Audacity, CyberTracker, FLIR Tools, GIMP, Regressi, Excel)

Fieldwork

Habituation of chimpanzees and meerkats, camera trapping, small mammal handling (meerkat), working in a remote and challenging environment for 12+ hours, botanical ID, habitat plot, GPS use, radio-tracking

Communication

French (native) - English (fluent, TOEFL iBT 111/120) - Spanish (CEFR: level B1)
Designing and teaching a 3 hours, multi-module, active learning class on Behavioral Ecology
Engaged in outreach events (Primate Awareness Day at St. Louis Zoo, SciFest at St. Louis Science Center)

INTERESTS & ACHIEVEMENTS

Rugby - 18 years (top amateur level in French Championship) / Karate - 2 years (orange belt)

Team captain - CJF Rugby Club (2014 - 2016)

Solfeggio - Diploma of second term - 8 years

Classical and electric guitar - 8 years